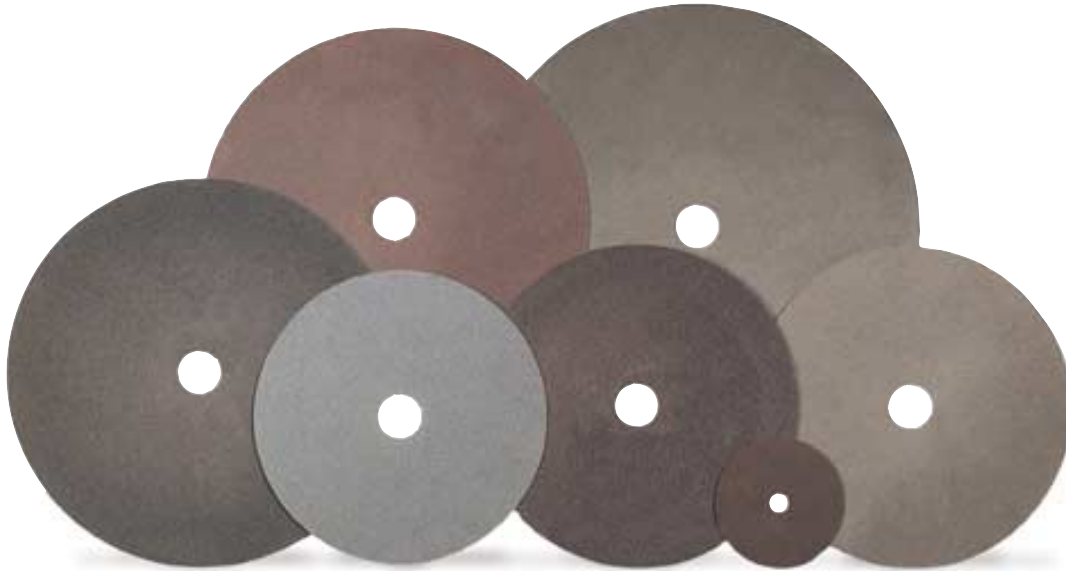


# Abrasive Cut-Off Wheels



### Technical Information and Cross Referencing.

This catalog lists our most frequently chosen wheels. We will be able to help you make the very best choice for your operation. Our knowledgeable staff will be pleased to assist you in choosing a wheel that meets your general purpose or very specific needs. Please contact customer service for further information.

### Small Diameter Abrasive Cut-Off Blades

RECOMMENDED USE	TYPE/ BOND	SIZE	PART NO.	PRICE/EACH 10/PACK
Rc55 Plus	A/O R	4" X .010" X 1/2"	CF04011	XXXX
		4" X .030" X 1/2"	CF04020	XXXX
		6" X .025" X 5/8"	CF06014	XXXX
		7" X .030" X 1/2"	CF07028	XXXX
Rc40 Range	S/C R	4" X .012" X 1/2"	CF04010	XXXX
Soft Non-Ferrous, Aluminum, Brass		6" X .025" X 1/2"	CF06013	XXXX

### 9" Diameter By 1-1/4" Arbor

9" X 1-1/4"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK.
Hard Steels Rc45-60 (Our most popular grade)	A/O	1/16" (.063")	CF09200	XXXX	XXXX	XXXX
Medium Steels Rc25-50			CF09500	XXXX	XXXX	XXXX
Soft or Annealed Steels Rc15-35, Rb46-90			CF09600	XXXX	XXXX	XXXX
Delicate Cutting (Ultra Thin Blade)	R	1/32" (.032")	CF09700	XXXX	XXXX	XXXX
Dry Cutting of Soft Material	A/O	.078"	CF09725	XXXX	XXXX	XXXX
Tool Steels Rc60 & Above Carburized Steels		.070"	CF09920	XXXX	XXXX	XXXX
Tool Steels Rc55-60 & Carburized Steels		.075"	CF09911	XXXX	XXXX	XXXX
Hard Steels Rc50		RR	.070"	CF09900	XXXX	XXXX
Medium Hard Steels Rc35-50	S/C R	.070"	CF09800	XXXX	XXXX	XXXX
Hard Non-Metallics, Glass, Rocks, and Other Hard Materials		CF09750	XXXX	XXXX	XXXX	
Medium Hard Non-Ferrous Materials, Titanium, Zirconium		CF09775	XXXX	XXXX	XXXX	
Soft Non-Ferrous Materials, Aluminum, Brass, etc.		CF09060	XXXX	XXXX	XXXX	

A/O = Aluminum Oxide    S/C = Silicon Carbide    R = Rubber Bonded    RR = Resin Rubber Bonded

## 10" Diameter By 1-1/4" Arbor

10" X 1-1/4"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Hard Steels: Rc45-60 (Our Most Popular Grade)	A/O R	1/16" (.063")	CF10200	XXXX	XXXX	XXXX
		.093"	CF10021	XXXX	XXXX	XXXX
Medium Steels Rc25-50		1/16" (.063")	CF10500	XXXX	XXXX	XXXX
Soft or Annealed Steel Rc15-35, Rb46-90		1/16" (.063")	CF10600	XXXX	XXXX	XXXX
Delicate Cutting (Ultra Thin Blade)		.040"	CF10080	XXXX	XXXX	XXXX
Dry Cutting of Soft Material		.078"	CF10085	XXXX	XXXX	XXXX
Tool Steels Rc60 & Above Carburized Steels	A/O RR	.075"	CF10038	XXXX	XXXX	XXXX
Tool Steels Rc55-60 & Carburized Steels			CF10030	XXXX	XXXX	XXXX
Hard Steels Rc50			CF10034	XXXX	XXXX	XXXX
Medium Hard Steels Rc35-50			CF10020	XXXX	XXXX	XXXX
Hard Non-Metallics, Glass, Rocks, and Other Hard Materials.	S/C R	1/16" (.063")	CF10055	XXXX	XXXX	XXXX
Medium Hard Non-Ferrous Materials, Titanium, Zirconium			CF10058	XXXX	XXXX	XXXX
Soft Non-Ferrous Materials, Aluminum, Brass, etc.			CF10060	XXXX	XXXX	XXXX

## 10" Diameter By 5/8" Arbor

10" X 5/8"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Hard Steels Rc45-60 (Our Most Popular Grade)	A/O	1/16" (.063")	CF10300	XXXX	XXXX	XXXX
Soft or Annealed Steels Rc15-35, Rb46-90	R	1/16" (.063")	CF10040	XXXX	XXXX	XXXX

## 12" Diameter By 1-1/4" Arbor

12" X 1-1/4"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Hard Steels Rc45-60 (Our Most Popular Grade)	A/O R	1/16" (.063")	CF12200	XXXX	XXXX	XXXX
Medium Steels Rc25-50			CF12500	XXXX	XXXX	XXXX
Soft or Annealed Steels Rc15-35, Rb46-90			CF12018	XXXX	XXXX	XXXX
Delicate Cutting (Ultra Thin Blade)		.045"	CF12700	XXXX	XXXX	XXXX
Dry Cutting of Soft Material		.078"	CF12033	XXXX	XXXX	XXXX
Tool Steels Rc 55-60 and Carburized Steels		A/O RR	.100"	CF12026	XXXX	XXXX
Medium Hard Steels Rc35-50	S/C R	1/16" (.063")	CF12600	XXXX	XXXX	XXXX
Hard Non-Metallics, Glass, Rocks, and Other Hard Materials.			CF12040	XXXX	XXXX	XXXX
Medium Hard Non-Ferrous Materials, Titanium, Zirconium			CF12063	XXXX	XXXX	XXXX
Soft Non-Ferrous Materials, Aluminum, Brass, etc.			CF12060	XXXX	XXXX	XXXX

## 12" Diameter By 1-3/8" Arbor

12" X 1-3/8"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Super Ferrous Alloys Above Rc50	A/O	.100"	CF12016	\$9.90	\$8.90	\$7.90
Super Ferrous Alloys Below Rc50			CF12800	\$7.90	\$6.60	\$5.90
Non-Ferrous Materials			CF12070	\$7.80	\$7.00	\$6.30

A/O = Aluminum Oxide    S/C = Silicon Carbide    R = Rubber Bonded    RR = Resin Rubber Bonded

## 14" Diameter By 1-1/4" Arbor

14" X 1-1/4"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Hard Steels Rc45-60 (Our Most Popular Grade)	A/O R	1/16" (.063")	CF14200	XXXX	XXXX	XXXX
Medium Steels Rc25-50			CF14065	XXXX	XXXX	XXXX
Soft or Annealed Steels Rc15-35, Rb46-90		.090"	CF14063	XXXX	XXXX	XXXX
		1/16" (.063")	CF14012	XXXX	XXXX	XXXX
Tool Steels Rc55-60 & Carburized Steels	A/O RR	3/32"	CF14016	XXXXX	XXXX	XXXX
Soft Non-Ferrous Materials, Aluminum, Brass, etc.	S/C RR	1/16" (.063")	CF14060	XXXX	XXXX	XXXX

## 16" Diameter By 1" Arbor

16" X 1"

RECOMMENDED USE	TYPE/ BOND	THICKNESS	PART NO.	PRICE/EACH 25/PACK	PRICE/EACH 150/PACK	PRICE/EACH 500/PACK
Hard Steels Rc45-60, with 1" Drive & Radial Holes	A/O R	3/32" (.093")	CF16300	XXXX	XXXX	XXXX
Hard Steels Rc45-60, with 1" Drive & 3 Radial Holes		1/8" (.125")	CF16008	XXXX	XXXX	XXXX



For use with  
our abrasive  
cut-off wheels!

### HUDSON Blue Coolant Nitrite-Free Rust Inhibitor For Abrasive Saws

DESCRIPTION	QUANTITY	PART NO.	PRICE/EACH
Soluble Oil Concentrate for Cut-Off Saws	1 Gallon	CL-BL1G	XXXX
	4 or more Gal.		XXXX

### Dressing Sticks

For Abrasive, Metal Bond &amp; Resin Bond Diamond Cut-Off Wheels

DESCRIPTION	QUANTITY	PART NO.	PRICE/EACH
1/2" X 1" X 3"	1	DRST	XXXX

A/O = Aluminum Oxide S/C = Silicon Carbide R = Rubber Bonded RR = Resin Rubber Bonded

# Diamond Wafering & Cut-Off Blades



## Applications and Recommendations

Bond System Summary	Concentrations: HIGH or LOW
<p><b>Electroplated</b> - Consists of a single layer of abrasive on a solid steel core. It is very aggressive and works well with composite materials such as ceramics, glass, sapphire, and rock. It has a limited life due to the single layer of abrasive.</p>	<p><b>Electroplated</b> - Not Applicable</p>
<p><b>Metal Bond (MB)</b> - Is a hard bond, which is required when cutting aggressive materials such as ceramics, refractories, glass, and rock. Metal Bond has a depth of abrasive generally 1/8".</p>	<p><b>Metal Bond (MB)</b> - A low concentration of abrasive is favored to allow the blade to cut more freely. High concentrations are required when cutting aggressive materials such as ceramics.</p>
<p><b>Resin Bond (RB)</b> - Is a softer, more forgiving bond matrix. Resin Bond is effective when cutting harder, denser materials like carbide. A better finish can be achieved than with the electroplated or metal bond wheels.</p>	<p><b>Resin Bond (RB)</b> - A high concentration product is the most common. Low concentration products are recommended where a large area of contact is necessary. Generally, all cutting and slicing operations use high concentration.</p>

### Diamond Wafering Blades

SIZE	METAL BOND - LOW		METAL BOND - HIGH	
	PART NO.	PRICE	PART NO.	PRICE
3" x .006" x 1/2"	DB3L	XXXX	DB3H	XXXX
4" x .012" x 1/2"	DB4L	XXXX	DB4H	XXXX
5" x .015" x 1/2"	DB5L	XXXX	DB5H	XXXX
6" x .020" x 1/2"	DB6L	XXXX	DB6H	XXXX



### HUDECON Economy Electroplated Diamond Wafering Blades

With 1/2" Center Hole

SIZE	CORE THICKNESS	RIM	CORE	
			PART NO.	PRICE
4"	.004"	.012"	DBE0410	XXXX
4"	.012"	.022"	DBE0420	XXXX
6"	.012"	.022"	DBE0620	XXXX
6"	.025"	.033"	DBE0630	XXXX

With 5/8" Center Hole

SIZE	CORE THICKNESS	RIM	CORE	
			PART NO.	PRICE
4"	.004"	.012"	DBE0430	XXXX
4"	.012"	.022"	DBE0440	XXXX
6"	.025"	.033"	DBE0660	XXXX
8"	.025"	.035"	DBE0840	XXXX

### Additional Diamond Wafering and Cut-Off Blades

SIZE	ELECTROPLATED		METAL BOND - LOW		METAL BOND - HIGH	
	PART NO.	PRICE	PART NO.	PRICE	PART NO.	PRICE
5" x .020"	DB5500*	XXXXX	DB5505*	XXXXX	DB5510*	XXXXX
6" x .025"	DB6400*	XXXXX	DB6405*	XXXXX	DB6410*	XXXXX
7" x .020"	DB7000*	XXXXX	DB7005*	XXXXX	DB7010*	XXXXX
7" x .025"	DB7500*	XXXXX	DB7505*	XXXXX	DB7510*	XXXXX
8" x .025"	DB8200*	XXXXX	DB8205*	XXXXX	DB8210*	XXXXX
8" x .032"	DB8400*	XXXXX	DB8405*	XXXXX	DB8410*	XXXXX
10" x .050"	DB1500*	XXXXX	DB1505*	XXXXX	DB1510*	XXXXX
10" x .060"	DB1700*	XXXXX	DB1705*	XXXXX	DB1710*	XXXXX

SIZE	RESIN BOND - LOW		RESIN BOND - HIGH	
	PART NO.	PRICE	PART NO.	PRICE
6" x .025"	DB6415*	XXXXX	DB6420*	XXXXX
6" x .032"	DB6615*	XXXXX	DB6620*	XXXXX
6" x .050"	DB6815*	XXXXX	DB6820*	XXXXX
7" x .025"	DB7515*	XXXXX	DB7520*	XXXXX
8" x .045"	DB8615*	XXXXX	DB8620*	XXXXX
8" x .055"	DB8815*	XXXXX	DB8820*	XXXXX
10" x .050"	DB1515*	XXXXX	DB1520*	XXXXX
10" x .060"	DB1715*	XXXXX	DB1720*	XXXXX

\* Add the following numbers listed below to the part number to specify the desired center holes:

1/2" -1      5/8" -2  
 3/4" -3      1" -4  
 1-1/4" -5"      1-3/8" -6

For example, the correct part number for an Electroplated 6" x .025" x 3/4" is **DB6400-3**